

# WS SERIES® DUPLEX CONTROL PANELS

## Overview:

The WS Series® duplex control panels will control two 120/208/240V single phase or two 208/240/480V three phase pumps designed for dewatering, wastewater, and sewage applications. See Water duplex control panels come standard with a clear front NEMA 4X rated enclosure, IEC rated contactors, and motor protective switches. All panels are UL listed for the United States and Canada, and come standard with a five-year warranty.

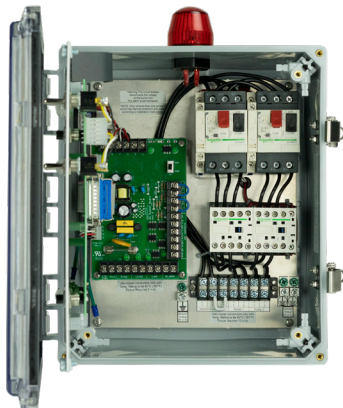
## Features:

- UL listed for the United States and Canada
- Indoor/outdoor NEMA 4X panel enclosure: heavy duty polycarbonate with stainless steel lockable latches
- Duplex provides: two pump alternation and high demand two pump operation
- Pump control visible indicators: pump #1 and #2 hand-off-auto (H.O.A.) switch, green pump run lights, red pump fault lights with reset button, and power on light
- Alarm visible indicators: high red beacon alarm light, alarm test, and silence buttons
- Alarm horn sounds at 85 decibels at 10 feet
- Remote monitoring by dry contacts: high liquid, pump run(s), and pump fault(s)
- Upgraded pump protection: motor protective switches included for both pumps (branch circuit protection, adjustable overload and disconnect), and thermal cutout with indicators



## Applications:

- Sewage pump chambers
- Grinder pumps
- Sump pump basins
- Lift stations



Your Trusted Source for Quality Control Panels.®

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## Duplex Single Phase: 120/208/240VAC

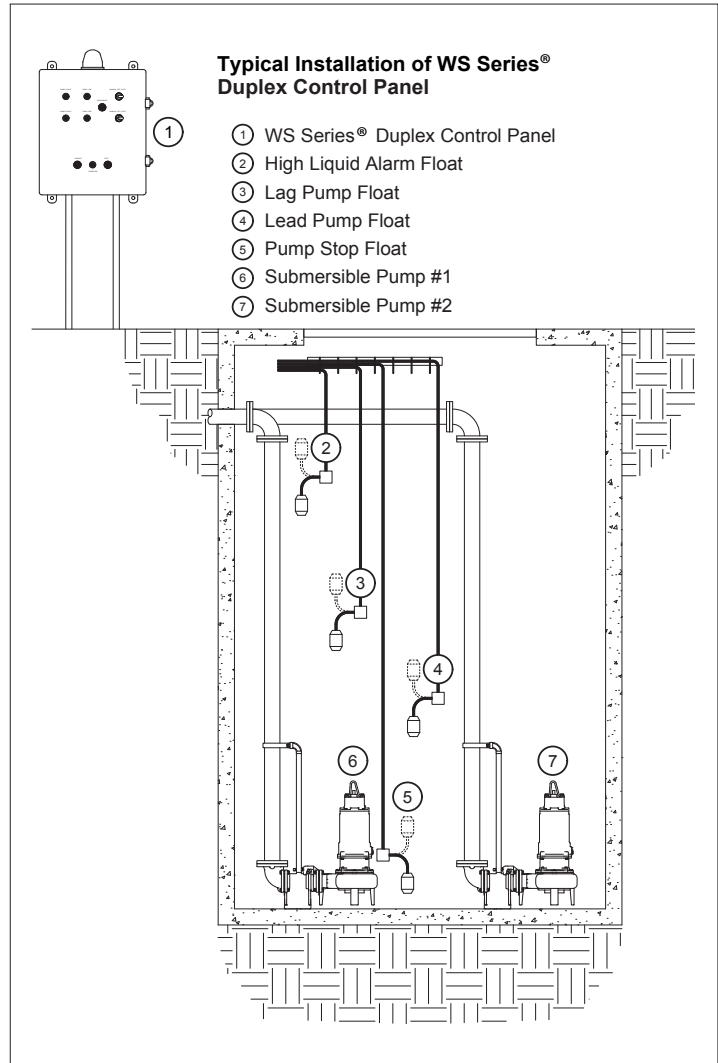
Models	Pump Full Load Amp Rating
WD1P-4-1021	0.0-7.0 FLA
WD1P-4-1022	7.0-15.0 FLA
WD1P-4-1023	15.0-22.0 FLA
WD1P-4-1024	22.0-28.0 FLA
WD1P-4-1025	28.0-36.0 FLA

Note: Thermal overload protection is generally provided in single phase pumps. To request a specific overload on the single phase models, contact the factory. Each panel includes a motor protective switch that will provide accurate pump circuit breaker protection

## Duplex Three Phase: 208/240/480VAC

Models	Pump Full Load Amp Rating
WD3P-4-3021	1.0-1.6 FLA
WD3P-4-3022	1.6-2.5 FLA
WD3P-4-3023	2.5-4.0 FLA
WD3P-4-3024	4.0-6.3 FLA
WD3P-4-3025	6.0-10.0 FLA
WD3P-4-3026	9.0-14.0 FLA
WD3P-4-3027	13.0-18.0 FLA
WD3P-4-3028	17.0-23.0 FLA
WD3P-4-3029	20.0-25.0 FLA
WD3P-4-3030	24.0-32.0 FLA
WD3P-4-3031**	30.0-40.0 FLA
WD3P-4-3032**	37.0-50.0 FLA
WD3P-4-3033**	48.0-65.0 FLA

\*\* Includes main disconnect



## Custom Options:

AF = Alarm Flasher	AH = Anti Condensation Heater
LL = Low Level Alarm	PM = Phase Monitoring
SFD = Seal Failure Circuit w/ indicator lights	MD = Main Disconnect
ETD = Elapsed Time Meter w/ LCD display & reset	FMD = Fused Main Disconnect
CCD = Cycle Counter w/ LCD display & reset	S3 = No floats option
D1 = 120V Dry Contacts	28 = Power On Dry Contact
OP = Opaque front door	24 = Pump Exerciser
ST = Upgraded enclosure (Stainless Steel)	C = Additional cord length greater than 20':
LA = Lightning Secondary Surge Arrestor	Specify after C. Example:(WD3P-4-3021-C50)
	Indicates 50' cord lengths for all floats

www.seewaterinc.com

951.487.8073 • 888.733.9283 • info@seewaterinc.com  
22220 Opportunity Way, Suite 101 • Riverside, CA 92518

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